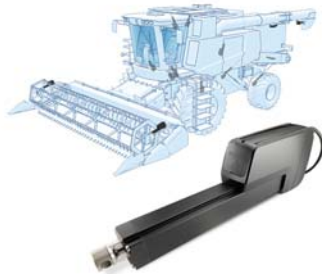




Agriculture OEMs are waving goodbye to hydraulics and hello to smart electric actuation



Smart electric linear actuators, such as the Thomson Electrak® HD (pictured), are making it easy for OEMs to improve farmers' lives.

As with most markets, farm equipment continues to adopt new advancements to help meet modern-day demands. A key trend has been the smooth transition from hydraulics to electric linear actuators.

A recent article in *Progressive Forage Magazine* examined the benefits farmers are realizing through the use of these actuators, including:

- More enhanced motion control systems can be controlled from the cab or automated.
- Increased cost effectiveness.
- Control capabilities simplify functionality.
- Reduced demand on the hydraulic system as well as maintenance.
- Elimination of additional hydraulic lines and fluid, making the environment safer.

Learn more about Thomson electric linear actuators >

Read the whole article >

+ education/events



Tech Tips Video

How to Load Ball Bearings into an Inch Series Ball Nut

Does this sound familiar?

Something went wrong while you were assembling a ball nut on a screw – the ball bearings popped out and now they're all over the place.

This quick new video demonstrates how to reload and assemble an Inch Series ball nut back onto a screw in case of a ball nut accident causing ball bearing loss.

Watch the video now >

+ applications/tools/products



Equip your small machines with our wide selection of miniature components

Thomson miniature products provide linear thrust and guidance or rotary motion control in the smallest packages available. When these components work together, designers realize benefits such as:

Thomson miniature components include:

- Metric linear bearings
- Metric rolled ball screws
- Glide Screws™
- Lead screws
- Faster design times.
- Less installation problems.
- Higher performance and reliability.
- Reduced machine weight, size and

- Linear motion systems
- Brakes
- Customized solutions

production cost, leading to less packaging and transportation expense.

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